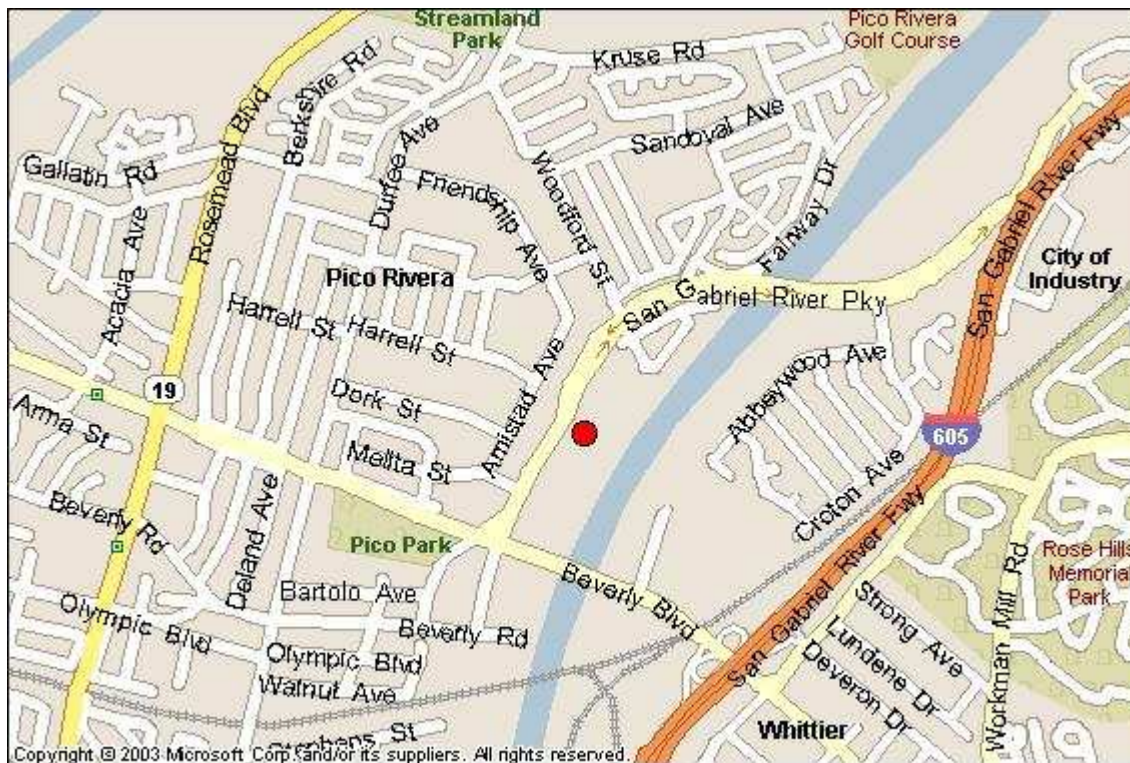


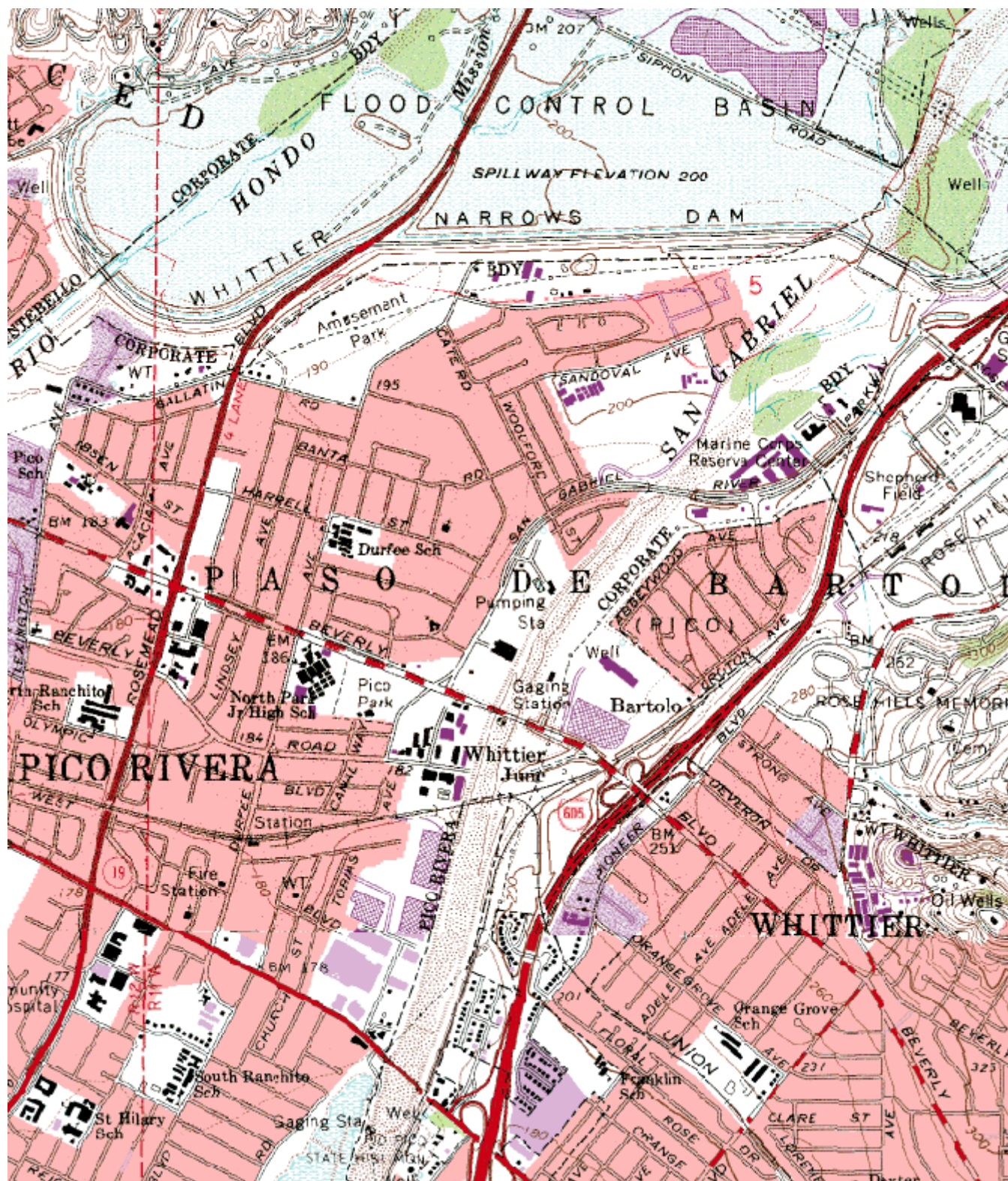
# **Quality Assurance** **Site Survey Report for Pico Rivera #2**

*Last updated May 2008*



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code			
060371602	70185	09/12/05	<a href="#">South Coast AQMD (061)</a>			
Site Address		County	Air Basin	Latitude	Longitude	Elevation
4144 San Gabriel River Pkwy Pico Rivera, CA 90660		<a href="#">Los Angeles</a>	<a href="#">South Coast</a>	34° 0' 37"	118° 04' 07"	58





# Site Survey Report

## Siting Information

Site Name: Pico Rivera #2	Date: 05/14/08	State Code: 70185	AIRS Number: 060371602
Address: 4144 San Gabriel River Pkwy. Pico Rivera, CA 90660	Latitude: 34° 0' 37"	Longitude: 118° 04' 07"	Elevation (m): 58
	Senior AQIS: Albert Dietrich	Site Technician: Carl Thompson	Site Phone: (562) 478-1961
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b>  Controlled: Yes  Recorded: Yes	<b>Traffic</b>	<b>Topography</b>	Predominant Wind Direction: SE	
	Description: Freeway	Site: Level	Arc Air Flow (Deg): 360 Degrees	
	Distance: 1000 meters	Region: Valley	Probe Last Cleaned: May 2008	
	Count (Veh/Day): 250000	<b>QA Manual</b>	Manifold Clean: Yes	
<b>Meteorology</b>  Located With Instruments: Yes	<b>Non-vehicular Local Sources</b>		Approved: Yes	Cleaning Schedule: 6 Months
			Agency: SCAQMD	Autocalibrator Type: Env. 100 (S/N 1343)
			Urbanization: Suburban	Site Survey Complete: Yes
		Direction: N/A	Ground Cover: Asphalt	Logbook Up To Date: Yes

## Action Items

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## Comments

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## Detailed Site Information

Site Name	Pico Rivera #2			
AQS ID (AIRS #)	060371602			
GIS coordinates	Latitude: 34° 0' 37" Longitude: 118° 04' 07"			
Location	Water District Property			
Address	4144 San Gabriel River Pkwy, Pico Rivera, CA			
County	Los Angeles			
Dist. to road	1,000 meters			
Traffic count	250,000 veh/day			
Groundcover	Asphalt			
PEP audit?				
NPAP audit?	11/15/07			
Flow audit?	04/07			
Representative Area	31100-Los Angeles, Long Beach-Santa Ana, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	TSP (Lead)
Monitor objective	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	API 300	Horiba APNA-360	API/Teledyne 400	Tisch TE 300-310
Serial #	1306	8517870102	535-S	1546
Property #	20017419 (ARB)	15279	N/A	N/A
Last Calibration Date	10/06/07	01/11/08	10/09/07	10/04/07
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	09/05	09/05	09/05	09/05
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.5	4.5	4.5	2.11
Distance from supporting structure	1.8	1.8	1.8	1.12
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	N/A	N/A
Distance from trees	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	N/A	N/A
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	Teflon	Teflon	N/A
Residence time	6.7	6.5	6.8	N/A
Will there be changes within the next 18 months?	No	No	No	No
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	N/A

Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	N/A
Frequency of one-point QC check (gaseous)	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation (gaseous)	04/07	04/07	04/07	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	N/A

Pollutant	PM2.5			
Monitor objective	REPRESENTATIVE CONCENTRATION			
Spatial scale	Neighborhood Scale			
Sampling method	Sierra Andersen RAAS PM2.5			
Serial #	00511			
Property #	E000019			
Last Calibration Date	02/12/08			
Analysis method	Weighed by SCAQMD lab			
Start date	09/05			
Operation schedule	1:3			
Sampling season	All Year			
Probe height	2.84			
Distance from supporting structure	1.83			
Distance from obstructions on roof	N/A			
Distance from obstructions not on roof	N/A			
Distance from trees	N/A			
Distance to furnace or incinerator flue	N/A			
Distance between collocated monitors	N/A			
Unrestricted airflow	Yes			
Probe material	N/A			
Residence time	N/A			
Will there be changes within the next 18 months?	No			

Is it suitable for comparison against the annual PM2.5?	Yes			
Frequency of flow rate verification for manual PM samplers audit	Monthly			
Frequency of flow rate verification for automated PM analyzers audit	N/A			
Frequency of one-point QC check (gaseous)	N/A			
Last Annual Performance Evaluation (gaseous)	N/A			
Last two semi-annual flow rate audits for PM monitors	05/07, 11/07			



**Pico Rivera #2  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Pico Rivera #2  
Site Photos (Cont.)**



**Looking at the probe from the North.**



**Looking at the probe from the East.**



**Looking at the probe from the South.**



**Looking at the probe from the West.**